RAW SEQUENCE LISTING   DATE: 07/27/2001
PATENT APPLICATION: US/09/905,810   TIME: 14:10:20

Input Set : **A:\A068us.txt**
Output Set: **N:\CRF3\07272001\I905810.raw**

ENTERED

```
 4 <110> APPLICANT: BIOGEN, INC.
 5        RENNERT, Paul
 7 <120> TITLE OF INVENTION: Antagonists of Tweak and of Tweak
 8        Receptor and Their Use to Treat Imunological Disorders
11 <130> FILE REFERENCE: A068 US
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C--> `13 <140> CURRENT APPLICATION NUMBER: US/09/905,810`
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14 <141> CURRENT FILING DATE: 2001-07-13
16 <150> PRIOR APPLICATION NUMBER: PCT/US00/01044
17 <151> PRIOR FILING DATE: 2000-01-14
19 <150> PRIOR APPLICATION NUMBER: 60/116,168
20 <151> PRIOR FILING DATE: 1999-01-15
22 <160> NUMBER OF SEQ ID NOS: 2
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 225
28 <212> TYPE: PRT
29 <213> ORGANISM: Murine
31 <400> SEQUENCE: 1
32 Val Leu Ser Leu Gly Leu Ala Leu Ala Cys Leu Gly Leu Leu Leu Val
33  1               5                  10                  15
34 Val Val Ser Leu Gly Ser Trp Ala Thr Leu Ser Ala Gln Glu Pro Ser
35              20                  25                  30
36 Gln Glu Glu Leu Thr Ala Glu Asp Arg Arg Glu Pro Pro Glu Leu Asn
37          35                  40                  45
38 Pro Gln Thr Glu Glu Ser Gln Asp Val Val Pro Phe Leu Glu Gln Leu
39      50                  55                  60
40 Val Arg Pro Arg Arg Ser Ala Pro Lys Gly Arg Lys Ala Arg Pro Arg
41 65                  70                  75                  80
42 Arg Ala Ile Ala Ala His Tyr Glu Val His Pro Arg Pro Gly Gln Asp
43              85                  90                  95
44 Gly Ala Gln Ala Gly Val Asp Gly Thr Val Ser Gly Trp Glu Glu Thr
45              100                 105                 110
46 Lys Ile Asn Ser Ser Ser Pro Leu Arg Tyr Asp Arg Gln Ile Gly Glu
47          115                 120                 125
48 Phe Thr Val Ile Arg Ala Gly Leu Tyr Tyr Leu Tyr Cys Gln Val His
49      130                 135                 140
50 Phe Asp Glu Gly Lys Ala Val Tyr Leu Lys Leu Asp Leu Leu Val Asn
51 145                 150                 155                 160
52 Gly Val Leu Ala Leu Arg Cys Leu Glu Glu Phe Ser Ala Thr Ala Ala
53              165                 170                 175
54 Ser Ser Pro Gly Pro Gln Leu Arg Leu Cys Gln Val Ser Gly Leu Leu
55              180                 185                 190
56 Pro Leu Arg Pro Gly Ser Ser Leu Arg Ile Arg Thr Leu Pro Trp Ala
57          195                 200                 205
58 His Leu Lys Ala Ala Pro Phe Leu Thr Tyr Phe Gly Leu Phe Gln Val
59      210                 215                 220
60 His
```

Input Set : **A:\A068us.txt**
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```
61 225
63 <210> SEQ ID NO: 2
64 <211> LENGTH: 249
65 <212> TYPE: PRT
66 <213> ORGANISM: Homo Sapien
68 <400> SEQUENCE: 2
69 Met Ala Ala Arg Arg Ser Gln Arg Arg Arg Gly Arg Arg Gly Glu Pro
70  1               5                  10                  15
71 Gly Thr Ala Leu Leu Val Pro Leu Ala Leu Gly Leu Gly Leu Ala Leu
72              20                  25                  30
73 Ala Cys Leu Gly Leu Leu Leu Ala Val Val Ser Leu Gly Ser Arg Ala
74          35                  40                  45
75 Ser Leu Ser Ala Gln Glu Pro Ala Gln Glu Glu Leu Val Ala Glu Glu
76      50                  55                  60
77 Asp Gln Asp Pro Ser Glu Leu Asn Pro Gln Thr Glu Glu Ser Gln Asp
78 65                  70                  75                  80
79 Pro Ala Pro Phe Leu Asn Arg Leu Val Arg Pro Arg Arg Ser Ala Pro
80              85                  90                  95
81 Lys Gly Arg Lys Thr Arg Ala Arg Arg Ala Ile Ala Ala His Tyr Glu
82          100                 105                 110
83 Val His Pro Arg Pro Gly Gln Asp Gly Ala Gln Ala Gly Val Asp Gly
84          115                 120                 125
85 Thr Val Ser Gly Trp Glu Glu Ala Arg Ile Asn Ser Ser Ser Pro Leu
86      130                 135                 140
87 Arg Tyr Asn Arg Gln Ile Gly Glu Phe Ile Val Thr Arg Ala Gly Leu
88 145                 150                 155                 160
89 Tyr Tyr Leu Tyr Cys Gln Val His Phe Asp Glu Gly Lys Ala Val Tyr
90              165                 170                 175
91 Leu Lys Leu Asp Leu Leu Val Asp Gly Val Leu Ala Leu Arg Cys Leu
92          180                 185                 190
93 Glu Glu Phe Ser Ala Thr Ala Ala Ser Ser Leu Gly Pro Gln Leu Arg
94          195                 200                 205
95 Leu Cys Gln Val Ser Gly Leu Leu Ala Leu Arg Pro Gly Ser Ser Leu
96      210                 215                 220
97 Arg Ile Arg Thr Leu Pro Trp Ala His Leu Lys Ala Ala Pro Phe Leu
98 225                 230                 235                 240
99 Thr Tyr Phe Gly Leu Phe Gln Val His
100              245
```

VERIFICATION SUMMARY   DATE: 07/27/2001
PATENT APPLICATION: **US/09/905,810**   TIME: 14:10:21

Input Set : **A:\A068us.txt**
Output Set: **N:\CRF3\07272001\I905810.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number